

Title (en)

Refrigerant tubes for heat exchangers

Title (de)

Kühlröhren für Wärmetauscher

Title (fr)

Tubes de refroidissement pour échangeurs de chaleur

Publication

**EP 0881449 A2 19981202 (EN)**

Application

**EP 98303308 A 19980428**

Priority

US 86545297 A 19970529

Abstract (en)

The refrigerant tube comprises an upper tube member(30) and a lower tube member(32) joined together in opposed, mirror relationship. Each of the tube members includes a generally planar base and a pair of asymmetric, elongated side edges, a first side edge having a constant cross-section and a second side edge having a tapering cross-section. Each of the members also includes a number of longitudinally extending, elongated walls(40) projecting from the base of each tube member and a detent wall in each of the tube members. The detent wall(46) is spaced apart from the first side edge of one the tube member a predetermined distance for receiving the second side edge of the opposing tube member into it.

IPC 1-7

**F28F 1/02**; **F28D 1/03**; **B21C 37/15**

IPC 8 full level

**F28D 1/03** (2006.01); **F28F 1/04** (2006.01); **F28F 3/04** (2006.01); **F25B 39/04** (2006.01)

CPC (source: EP KR US)

**F28D 1/0316** (2013.01 - EP KR US); **F28F 1/045** (2013.01 - EP KR US); **F28F 3/04** (2013.01 - EP KR US); **F25B 39/04** (2013.01 - EP US)

Cited by

DE102007027369A1; US6622785B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**US 5799727 A 19980901**; EP 0881449 A2 19981202; EP 0881449 A3 19991103; KR 19980068555 U 19981205

DOCDB simple family (application)

**US 86545297 A 19970529**; EP 98303308 A 19980428; KR 19980009008 U 19980528